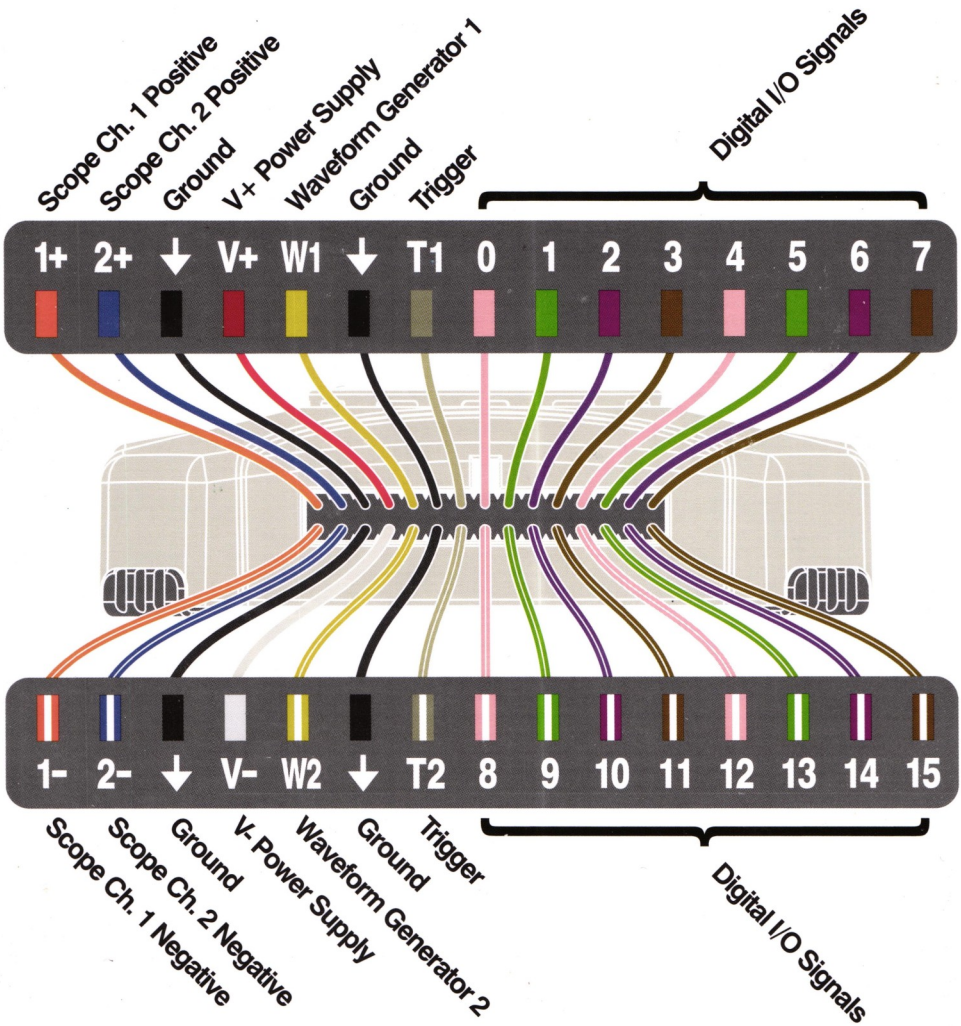
ANALOG DISCOVERY 2

Pinout Diagram



Dual Channel Oscilloscope
- Differential inputs, ± 25V (50V p-p), 100MS/s, 14-bit ADC
- 30MHz+ analog signal bandwidth (with BNC adapter)

Dual Channel Waveform Generator
- 100MS/s, 14-bit DAC, ±5V, 12MHz+ signal bandwidth
- Standard and user-defined waveforms, with sweeps and modulation

Network Analyzer
- Drives circuits with swept sines up to 10MHz
- Displays outputs in Bode, Nichols, or Nyquist formats

Spectrum Analyzer
- Performs real-time FFT or CZT algorithm on oscilloscope data
- Displays power spectrum and spectral measurements (noise floor, SFDR, SNR, THD, etc.)

Voltmeter
Measures AC and DC signals up to ±25 volts

Power Supplies
- Dual programmable supplies, 0V to 5VDC & 0V to -5VDC
- Up to 700mA when used with external supply

Logic and Bus Analyzer
- 16 signals sampled at 100MS/s
- Decodes & displays SPI, I²C, UART, and parallel bus data

Pattern Generator
- 16 signals can be driven individually or as bus, up to 100MS/s (shared with analyzer)

Discrete I/Os
- 16 output signals driven by virtual buttons, switches and LEDs displayed on host (shared with analyzer)

Trigger in/out
- External triggers can be used to link multiple Discoverys

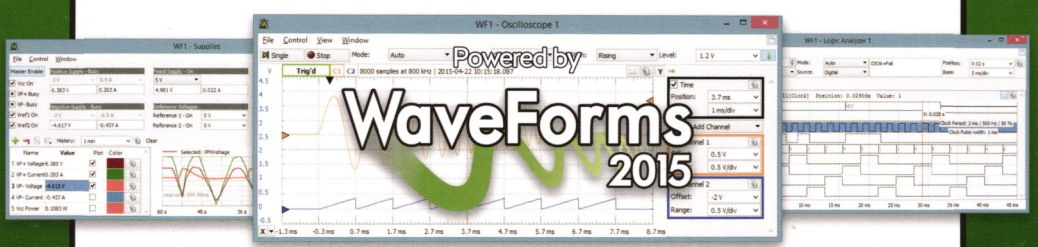
Headphone/Speaker jack
- Connects analog signals to standard audio connector

Need help getting started?

www.analogdiscovery.com

For additional questions or technical assistance:

forum.digilentinc.com



Compatible With